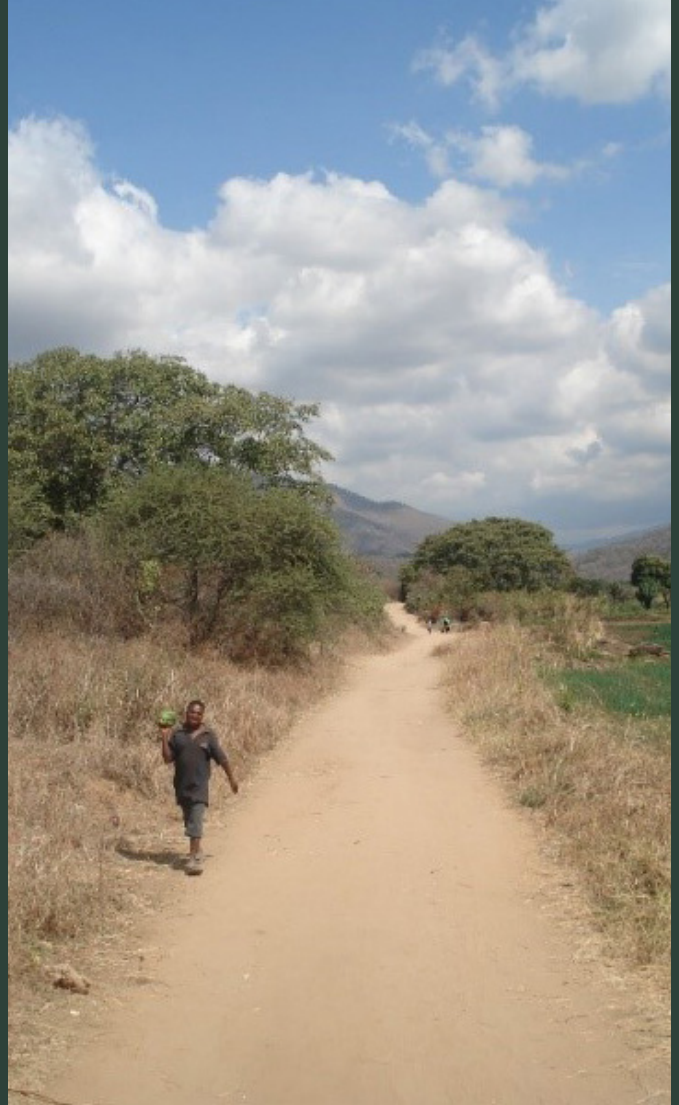**itt**

*Sustainable Transport
Infrastructure Solutions*

Consultancy firm based in the UK, **specialising in
the development and improvement of transport
infrastructure** in developing countries.

ABOUT **ITT**

I.T. Transport Limited (ITT) has been providing consultancy services since its establishment in 1979, focused on, and appropriate to, the needs of the transport, infrastructure and development sectors in developing countries. ITT is based in the UK and is committed to delivering high quality projects that leave a lasting legacy in the countries they work in. ITT works with various bilateral and multilateral donors, private firms and government agencies, to improve the transport sector in developing countries. ITT has successfully carried out over 900 assignments in more than 40 developing countries and has extensive experience in Sub-Saharan Africa – with over 70% of ITT's projects being in Sub-Saharan Africa. ITT has the expertise and experience to confidently formulate and execute large and small projects from their initial conception, through to their completion.

ITT has always believed that sustainable transport infrastructure and services are crucial to social and economic development. In all undertakings ITT's approach goes beyond the technical aspects of the work, working in close partnership with institutions, governments, communities and local firms/experts to build on their capabilities and capacities, and to ensure sustainable and successful long-term outcomes. This is accomplished with the understanding that every project is different, with specific social, economic and environmental concerns that must be acknowledged and require a tailored and unique delivery approach, which embodies an understanding of the local needs and opportunities. This ensures that ITT's clients and other stakeholders achieve sustainable benefits, and are ultimately successful in alleviating poverty, stimulating trade and creating wealth.

ITT is a leader in the implementation of practical and sustainable initiatives which leverage technological advancements to improve access and mobility, with the goal of social and economic development. Evidence for this can be found in the pioneering role it has played in the evolution and international acceptance of the concept of access-stimulated poverty alleviation, and the design of related projects.

Our broad **areas of expertise** include:

INSTITUTIONAL/ ORGANISATIONAL REFORM
- Setup of specialised organisations
- Diagnostic Reviews
- Institutional Strengthening
- Prioritisation of Interventions
- Policy Formulation

RURAL ACCESS AND TRANSPORT SERVICES
- Service Provision Strengthening
- Rural Road Maintenance
- Research and Development
- Assessment of Mobility Needs
- Policy and Strategy Development

ROAD SAFETY
- Policy Formulation and Prioritisation
- Road Safety Audits
- Road Safety Action Plans
- Data Collection

ROAD ASSET MANAGEMENT
- Policy Frameworks and Strategy
- Road Management Systems
- Planning and Prioritisation
- Performance Monitoring
- Road Inventory and Condition Surveys

CAPACITY BUILDING AND TRAINING
- Capacity Needs Assessment
- Development of Training Curricula
- Counterpart Mentoring
- Knowledge Transfer and Management

ROAD/ INFRASTRUCTURE FINANCING AND INVESTMENT
- Road Funds Development
- Prioritisation of Investments
- Private Finance Initiatives (PFIs) / Public Private Partnerships (PPPs)

CROSS-CUTTING ISSUES
- Feasibility studies
- Socio-Economic Impact Assessments
- Climate Resilience
- Gender Mainstreaming

OUR **TEAM**

At the heart of our global operations is our dedicated team of Core Staff whose profiles you can see below. They are supported by our Business Development, Administration, Finance, Travel, Security and Compliancy teams. Globally, we have a large pool of associated consultants and experts whom we reach out to when needed, many of whom we have worked with at ITT for years. This ensures we have high quality personnel deployed on all of our projects at all times.

Andy McLoughlin
MANAGING DIRECTOR

Andy McLoughlin is the Managing Director of I.T. Transport Ltd, and has over 20 years of experience working in the transport sector, predominantly in Africa and Latin America & the Caribbean. He is a Chartered Civil Engineer (CEng) and holds a BSc (Hons) in Geology from the University of Manchester (UK), and an MSc in Road Management and Engineering from the University of Birmingham (UK). At ITT, Andy is responsible for providing leadership and developing the strategic direction of the company, with overall responsibility for organisational performance and wider operations management. He is experienced in several transport-related disciplines, including road safety, asset management, transport planning, civil engineering, capacity building, and wider institutional reform in the transport sector.

Dick Komakech
DIRECTOR

Dick Komakech is a Director at I.T. Transport Ltd and has over 20 years of experience in the planning, design, implementation and sustainable management of transport infrastructure projects predominantly in Africa and Latin America. He holds a BSc Civil Engineering degree from Makerere University (Uganda) and a MSc Transport degree from Imperial College London (UK). At ITT, Dick is responsible for overall project implementation and has successfully delivered a number of long-term assignments as the Team Leader. Dick is experienced in road asset management, transport planning, rural access and transport services provision, research and roads infrastructure financing and investment.

Henry Nkwanga
DIRECTOR

Henry Nkwanga is a Director at I.T. Transport Ltd and has over 15 years of experience in highways and transportation working as a UK-based consultant and international development expert. He is a UK Chartered Engineer (CEng) and holds a BSc Surveying degree from Makerere University (Uganda) and a MSc Road Management and Engineering degree from the University of Birmingham (UK). At ITT, Henry leads on Business Development and Technical Delivery, covering a range of transport infrastructure-related projects in multiple countries around Africa and Latin America. Henry's core competencies include business development, project formulation, project management, designing and undertaking transport sector research, transport Infrastructure asset management, pavement engineering, institutional reform and capacity building.

Ellen Rogan
CONSULTANT

Ellen Rogan is a Consultant and Project Manager at I.T. Transport Ltd, working on projects for a variety of clients and donors. She has worked as an international development professional in the transport sector for the whole of her career to date, and has over 5 years of experience in the management of transport infrastructure projects in developing countries. Ellen holds a BA (Hons) in Geography and International Development from the University of East Anglia (UEA) (UK) and is currently studying for a MSc in Transport and City Planning at University College London (UCL) (UK). Ellen's responsibilities include setting up, mobilising and managing operational logistics for project teams, coordinating liaison between project team members, clients and funding partners, managing work-plans and budgets and supporting the internal technical audit process for project deliverables. She also leads on Business Development activities, including the identification and evaluation of bid opportunities, preparation of Expressions of Interest, and preparation of financial and technical proposals.

Ivy Gichuki
CONSULTANT

Ivy Gichuki is a Consultant and GIS Analyst at I.T. Transport Ltd. She holds a BA degree in Urban and Regional Planning and is currently undertaking an MSc degree in Geospatial Information Systems and Remote Sensing. She is also skilled in mapping and analysing spatial information using Remote sensing software. Prior to ITT she has been involved in several projects as a local, county, regional and national Physical Planner and GIS Analyst - specializing in data collection and analysis, urban and regional planning, research, community development, sectoral surveys, public participation, mapping, and GIS work. At ITT, Ivy assists with Business Development activities and the preparation of EOIs and Proposals.

Karen Barongo
JUNIOR CONSULTANT

Karen Barongo is a Junior Consultant at I.T. Transport Ltd. She has more than 5 years of experience in the Procurement and Administration field, with experience in building supplier databases for Clients, managing office operations, and supporting staff. Karen holds a Bachelor's Degree in Procurement and Logistics Management from Tanzania Institute of Accountancy. Her responsibilities at ITT include supporting management of projects by setting up, mobilising and managing operational logistics for project teams, as well as supporting Business Development activities, including the identification and evaluation of bid opportunities, preparation of Expressions of Interest, and preparation of financial and technical proposals.

OUR **PROJECTS**

ITT has successfully carried out over 900 projects in more than 40 developing countries. Below we have provided some examples of our recently completed (last 5 years) and live projects which demonstrate our technical and geographical areas of expertise. You can find more project information on our website.

EAST AFRICA

- Impact Assessment of Investment in Roads Sub-Sector – Kenya
- Development of Urban Roads Maintenance Strategy – Kenya
- Road User Charges Study and Development of a Road Maintenance Funding Policy – Kenya
- Road Improvement Works (R2000) – Kenya
- Piloting of Enhanced Enforcement of Road Safety and Post - Crash Care – Ethiopia
- Cities and Infrastructure for Growth (CIG) – Uganda
- Road Safety Audits - 110km of upgraded roads around Kampala – Uganda
- Improvement of a Roads Maintenance System (DROMAS) for Dar es Salaam – Tanzania
- Planning & Supervision of the Construction of Infrastructure Measures - Serengeti National Park - Tanzania
- Technical Assistance for Improving Rural Access in Tanzania (IRAT) – Tanzania
- An Investigation into the Impact on Social Inclusion of HVT Corridors, and Solutions to Identifying and Preventing Human Trafficking – Tanzania and Uganda

WEST AFRICA

- Development of State Policy Framework for Rural Roads Management & Finance in Adamawa, Enugu, Imo, Niger and Osun under the Second Rural Access and Mobility Project (RAMP 2) – Nigeria
- Road Management Institutional Development and Capacity Building Reforms in Kaduna State – Nigeria
- Development of a Road Safety Action Plan for Liberia 2018 to 2021 – Liberia
- Road Safety Policy Development and Prioritization – Liberia
- Technical and Operational Assistance to the Infrastructure Implementation Unit (IIU) – Liberia
- Review of Road Maintenance Management Systems in sub-Saharan Africa – Feeder Road Alternative Maintenance Programme (FRAMP) – Liberia
- Technical Assistance to the National Roads Authority – M&E Component – The Gambia
- Formulation study for support to Transport Sector including a feeder roads component – The Gambia
- Design and supervision of flood alleviation and solid waste disposal in 7 flooding hot spots – The Gambia
- Baseline Survey and Employment Impact Assessment of Infrastructure Investments – Sierra Leone
- Preparation of Transport Sector Research and Climate Change Strategy – Ghana

SOUTHERN AFRICA

- Performance Review and Development of Turnaround Strategies for Zimbabwe National Road Administration (ZINARA) - Zimbabwe
- Development of a Bus Stop/Shelter Strategy and Bus Network Review for Windhoek – Namibia
- Development of a Road Asset Management Framework (RAMF) – Namibia
- Technical Assistance, Road Sector Reforms Service – Eswatini
- Diagnostic Study for the Beira and Nacala Corridors – Mozambique
- Feasibility Study for the Rehabilitation and Management of Ressano – Garcia Railway Line – Mozambique
- Final Re-measure of Quantities for 3 towns Water Supply Project – Lesotho

CARIBBEAN & LATIN AMERICA

- Prioritisation of Interventions for the Ministry of Transport, Works and Maintenance – Barbados
- Institutional Strengthening Study for Management and Maintenance of Public Roads – Belize
- Comprehensive Restoration and Sustainable Conservation Management Plan for City Hall – Guyana
- Organisational, Institutional, Technical and Financial Review of the Road Authority – Suriname

VARIOUS

- Acquisition and Customisation of a Corridor Performance Monitoring System for the Dar es Salaam Corridor Committee – Tanzania, Zambia, Malawi & DRC
- Analysis of Multiple Deprivations in Secondary Cities in Sub-Saharan Africa – Kenya, Ghana & Zambia
- Applied Research Programme in High Volume Transport (HVT): State of Knowledge Paper – Sub-Saharan Africa and South Asia
- Research for Community Access Partnership (ReCAP) – Sub-Saharan Africa and South Asia
- Gender Action Plan and Value Chain Analysis of Transport Infrastructure Provision, Operation and Services – Bahamas, Panama, El Salvador, Honduras, Argentina, Peru, Ecuador, Costa Rica, Brazil, Colombia
- Evaluation of African Development Bank's Assistance in the Transport Sector – Burkina Faso, Djibouti, Ghana, Mali, Namibia, Nigeria, Rwanda, Tanzania, Tunisia
- Mobilising Private Finance for Road Safety – Global
- Systematic Review – Does the Extension of Rural Network have a Positive Impact on Poverty Reduction and Resilience for Rural Areas – Global

OUR **PRODUCTS**

I.T. Transport's Road Asset Management System
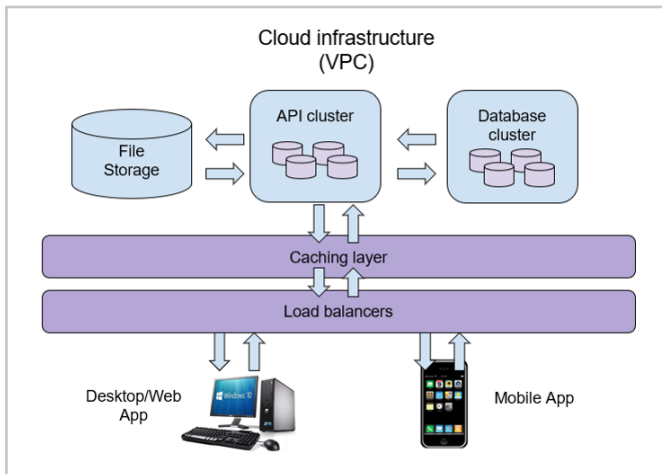## (ITT-RAMS)

ITT-RAMS is an asset management solution that enables a road authority to link strategic objectives to its planning, maintenance operations and investment decision making.

INFRASTRUCTURE

- System is behind a secure network (VPC)
- Uses docker containers.
- Database is a highly available MySQL cluster.
- Files stored in a secure file storage technology.
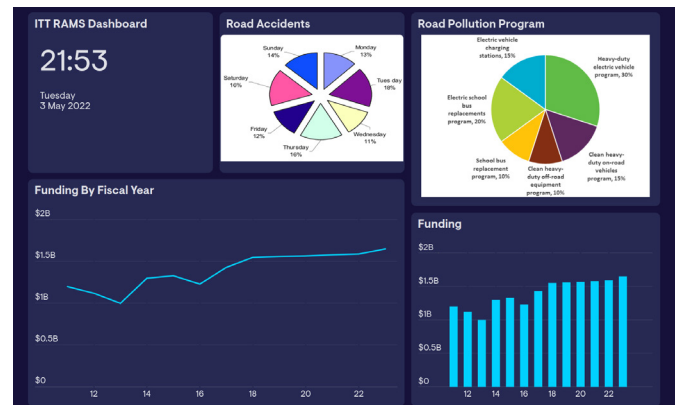- Communication and sensitive data is encrypted.

INPUT MODULES

- Frontend and backend services.
- Backend API built using PHP 8.
- Desktop and mobile apps are built using Node JS with typescript.
- Apps are both web-based and native.

OUTPUT

An **enabler** for data-driven decision making.

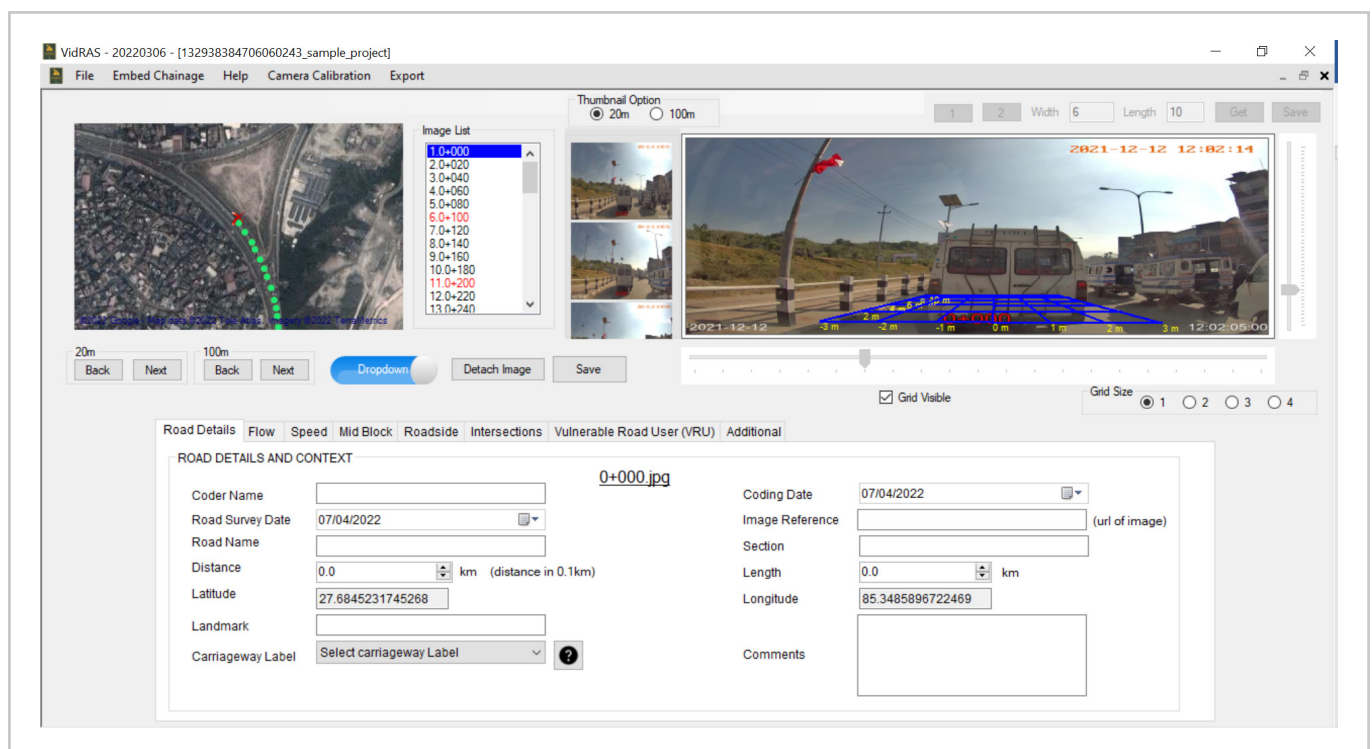If you can drive on it, **we can survey it.**

I.T. Transport's Video Road Assessment System (VidRAS)

VidRAS is an International Road Assessment Programme (iRAP) accredited Inspection System, which provides a methodology and the software needed to perform iRAP surveys and road attribute coding. VidRAS has been developed by Road Safety Professionals for use by Road Safety Professionals. It is capable of being deployed on any road in the world.

SURVEY METHODOLOGY:

- Can be conducted on any road, in any condition, in any location
- No expensive or difficult to import specific survey vehicle required – VidRAS equipment is highly flexible and can be easily mounted to the vehicle itself
- High quality but low-cost equipment from the Experts in Intermediate Technology
- Tested in the toughest of environments, for thousands of kilometres

VidRAS Road Attribute Coding Software Home Page

CODING SOFTWARE FACTS:

- Default and Automated Selections to save time and minimise Operator coding errors
- Ability to batch code enables significant time and labour-cost savings
- Flexible methods for data coding with choice of dropdown menus or radio button
- High Tech but Low cost – built with customer needs as the main priority
- Augmented measuring grid that can be turned on or off to assist with distance estimates
- Developed by Road Safety Professionals for use by Road Safety Professionals
- Technical support is available online, by phone and in person – we stand behind our products with confidence
- Developed for deployment in emerging markets/developing countries

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Sustainable Transport Infrastructure Solutions

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